

Cardiovascular Risk Assessment (Calculator for 10-year Coronary Heart Disease Risk Prediction)

Estimating an individual's risk for cardiovascular disease can affect preventative measures and treatment. This module involves entering multiple factors that affect coronary heart disease risk, including race, gender, age, cholesterol, blood pressure, and several other clinical and behavioral variables. Coronary calcification score is an optional additional entry. The output is stated in percentage risk over the following ten years.

References:

- Smith DA. ACP Journal Club. In adults without CVD, the MESA score, including coronary artery calcium, predicted 10-y risk for CHD events. *Ann Intern Med.* 2016 Mar 15;164(6):JC35.
- McClelland RL, et. al. 10-Year Coronary Heart Disease Risk Prediction Using Coronary Artery Calcium and Traditional Risk Factors: Derivation in the MESA with Validation in the HNR Study and the DHS. *J Am Coll Cardiol.* 2015 Oct 13;66(15):1643-53.